

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/010928

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl.⁷ H01S5/22, 5/323

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl.⁷ H01S5/22-5/347Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 11-251678 A (Sanyo Electric Co., Ltd., Tottori Sanyo Electric Co., Ltd.), 17 September, 1999 (17.09.99), Par. Nos. [0004] to [0016]; Fig. 1 (Family: none)	1-2, 5-8, 11, 13-14, 17-21, 24
Y		3-4, 9-10, 12, 15-16, 22-23, 25
X	JP 9-232678 A (NEC Corp.), 05 September, 1997 (05.09.97), Par. Nos. [0015], [0018], [0040] to [0042]; Fig. 1 (Family: none)	1-3, 5-8, 11, 13-15, 17-21, 24
Y		4, 9-10, 12, 16, 22-23, 25
X	JP 10-294529 A (Toshiba Corp.), 04 November, 1998 (04.11.98), Par. Nos. [0215] to [0216]; Fig. 38 & US 6031858 A & US 6400742 B1	1, 9-10, 13, 22-23

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search
12 July, 2005 (12.07.05)Date of mailing of the international search report
26 July, 2005 (26.07.05)Name and mailing address of the ISA/
Japanese Patent Office

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